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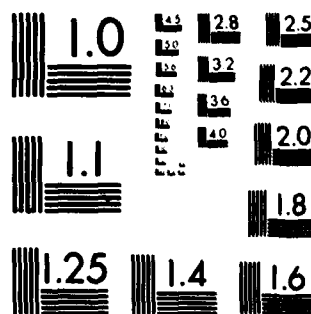
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Staff Paper

FIELD WIREMAN TASK PERFORMANCE INVENTORY

by  
Jacklyn Hungerland  
Morris Showel

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HumRRO Division No. 3 (Recruit Training)

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# PREFATORY NOTE

This Staff Paper provides the content and results of a job analysis survey conducted by the staff of Work Unit APSTRAT. The overall research objective of Work Unit APSTRAT is to develop and test, in an operational setting, instructional systems appropriate for multi-aptitude populations. One of the specific MOSs chosen as a vehicle for this study is that of the Field Wireman, MOS 36K. The job analysis was conducted as a step in the systems engineering of the course.

A review of the course had been conducted previously under Work Unit SPECTRUM. That review indicated that the Field Wireman Course would lend itself well to the planned research, in that (a) its requirements are composed of several levels of motor skills as well as a certain, but minimal, degree of cognitive skill; (b) it is a high density course; and (c) the range of trainee aptitude is fairly broad. Since there were no plans for system engineering of the course by the Southeastern Signal School, no duplication of research efforts was expected.

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## BACKGROUND

Although APSTRAT is primarily concerned with training strategies rather than content, it seemed reasonable at the outset to try to utilize relevant content. Thus the on-the-job survey. Discussions with several NCOs at the Field Wireman Course at Fort Ord had clearly indicated that there were several varied concepts of what the Field Wireman actually did on the job. There was also a strong indication that some portions of the present training might not be necessary in connection with the wireman's job performance (i.e., cryptography).

As more such informal information became available, it appeared that in the process of developing an experimental course to examine training strategies, the research effort might well encompass a system engineering approach as a secondary effort.

## JOB QUESTIONNAIRE

As a first step in this direction, a "Field Wireman Task Performance Inventory" questionnaire was developed and administered to Field Wireman incumbents at Fort Hood, Texas in September 1968. Of the 298 incumbents who completed the questionnaire, 138 were returnees from Vietnam, Europe, Korea, and Thailand.\* A copy of the questionnaire is included as Appendix A.

The purpose of the questionnaire was to ascertain just what a Field Wireman actually does when he is on the job in the field. In addition to some biographical information, incumbents were asked to indicate the approximate number of days on which they performed each of 214 job duties. Estimates were to be based on their last 30 days on the job while they were in the field.

The job duties, or questionnaire items, were derived from the objectives set forth in the Field Wireman Army Subject Schedule and the course lesson plans, and from discussions of wiremen's duties held between research personnel and the staff of the Field Wireman Course at Fort Ord, California. In addition to the Field Wireman duties included as questionnaire items, several items were included (Items #182 through 229) which pertained to Linemen's duties (MOS 36C). These items were included because the discussions with instructors had led us to believe that wiremen did perform many lineman duties when they were in the field, and that linemen and wiremen were often used interchangeably.

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\* The remaining 160 wiremen had never served overseas, but were assigned in the MOS stateside. Since this portion of the sample was non-representative (the men were newly graduated from Field Wireman Courses and had not as yet been assigned to duty positions in the MOS), these responses have been eliminated from the resume presented here.



In addition to the incumbents, 44 supervisors of Field Wiremen (MOS 36K40 or 31G40) completed a similar questionnaire. The supervisors were asked to indicate approximately the number of days on which wiremen under their supervision performed each of the 214 job duties during the last 30 days that the supervisor was on the job in the field. A copy of the instructions to the supervisors for completing their questionnaires is included as Appendix B.

At the time the questionnaire was administered, the verbal instructions and guidance given to the subjects repeatedly stressed the fact that we wanted them to report on the last month they were actually out on their normal job in the field. This last month on the job may not have been the last month that the man was overseas--he may have been pulled back to a rear area where he did not work in his normal duty position. However, since we did not feel that it was reasonable to ask a man to recall precisely what he did on the job six or eight months previously we simply made an effort to have them clearly understand the time period on which we were asking them to report.

Following the administration of the questionnaire, returnees from overseas were asked to stay on for a few minutes. The administrators then held informal group discussions with these men asking their opinions on what they felt they could have used more training in to better prepare them to do their jobs in the field. They were also asked what subjects, if any, they felt might be diminished or dropped from the Field Wireman Course.

There was also space provided on the back of the answer sheet where the men were asked to list any job duties they performed regularly in addition to or instead of those presented on the questionnaire.

## RESULTS

A compilation and resume of responses to the inventories appear in Appendices C (incumbents) and D (supervisors). The primary findings are as follows:

1. Only 22 out of a possible total of 214 different job duties were done by more than half of the men surveyed at least once.
2. The 22 job duties cover very basic wireman skills, but it is estimated that training for these particular skills amounts to about 55 of the 352 hours presently devoted to preparing Field Wiremen.
3. Of the job duties not performed by 90 percent of the men surveyed, many are drawn from large instructional blocks (Message Center Operations, Telephone Switchboard Operation, Field Wire Techniques and Cryptography).
4. The most frequent job performed by Field Wiremen is "Driving Light Vehicles (up to 3/4 ton)." This was the only item which more than 75 percent of the sample indicated they had performed.

5. Virtually no lineman duties which were included in the inventory were ever performed by Field Wiremen.

6. The supervisors tended to report their men as doing more jobs more often than the men reported.

7. The incumbents from overseas who were interviewed indicated that more training was needed in: radio operation and procedure; field wire techniques; switchboard SB-22; and pole climbing. They also felt that use of field expedients should be stressed in training.

8. The supervisors who were interviewed suggested more training in the newer series radios (AN/VRC-46, AN/GRC-160, and AN/PRC-77), completion of communication records and forms, and pole climbing (to develop confidence).

9. A number of various additional tasks were reported as having been done by returnees. Most of these tasks were related to operation of the newer series radios. A complete tabulation of these responses is included as Appendix E.

#### COMMENT AND DISCUSSION

Although this survey dealt with a relatively small sample of men, the results do reliably indicate that a fairly large discrepancy exists between on-the-job activity and existing training content. If the findings are considered acceptable, a choice is presented between developing a training program based on just those activities used in the field or to proceed with curriculum revision while accepting the training-job activity discrepancy. Although the first choice would appreciably cut down training time and reduce recycling and failures, it does not appear warranted at the present time. Thus, APSTRAT will design the Field Wireman curriculum according to existing training requirements instead of the job analysis findings.

## APPENDIX A

### FIELD WIREMAN TASK PERFORMANCE INVENTORY

(Questionnaire)

The purpose of this questionnaire is to find out how often you did certain kinds of jobs in your 36K20 duty position during your last 30 duty days in the field. We have listed tasks normally performed by Field Wiremen. We would like you to help us by telling us what tasks you did on the job and about how many duty days you did those task in that one month's time. It is important that you indicate the number of duty days on which you actually did the task.

We are just as interested in what jobs you have not done very often as we are in those you have done frequently. Take your time and give your answers as nearly as possible to the actual number of duty days you did a job.

Your answers will be confidential and will not appear on your record. This questionnaire is for research purposes only. The answers you give will be used only to help in making possible changes to improve the training program in your MOS. Remember, your answers will not be graded. We only want your help in improving one of the U. S. Army's training courses.

DO NOT WRITE IN THIS BOOKLET. MARK YOUR ANSWERS  
ON THE SHEET PROVIDED.

APSTRAT  
August 1968

16. Drove light vehicles (up to 3/4 ton)
17. Performed first echelon maintenance on light vehicles
18. Drove 2½ ton truck
19. Drove 5 ton truck
20. Filled-in DD Form 1150 (Request for Issue or Turn-in) when requesting or returning equipment
21. Filled-in DA Form 2402 (Exchange Tag) when exchanging equipment
22. Filled-in DD Form 314 (Preventive Maintenance Schedule and Record) to indicate the serviceability of equipment
23. Filled-in DA Form 2404 (Equipment Inspection and Maintenance Worksheet) to indicate the serviceability of equipment
24. Made entries on DA Form 2151R (Message Center Log)
25. Made entries on DA Form 11-37 (Distribution Center Delivery List)
26. Prepared DA Form 11-63 (Route Delivery List)
27. Made entries on DA Form 173 (Joint Message Form)
28. Made entries on DA Form 11-53 (Operator's Number Sheet/Station Log)
29. Made entries on DA Form 2408-3 (Equipment Maintenance Record)
30. Filled-in DA Form 2408-14 (Uncorrected Fault Record)
31. Filled-in DA Form 2406 (Equipment Profile)
32. Made entries on DA Form 2409 (Organizational Maintenance Record)
33. Filled-in DA Form 11-170 (Message Form)

Used the following from the SOI:

34. Air Messenger Schedule
35. Motor Messenger Schedule
36. Tel or Ratel Authentication System
37. Other Authentication Systems
38. TT, RATT and RATG Authentication System
39. Maplay Cryptosystem

40. Operations Code
41. Prearranged Message Code
42. Friendly Nuclear Strike Warning System
43. Message Reference Number System
44. Numeral Code
45. Radio Call Signs and Frequencies
46. Teletypewriter Call Signs
47. Communication Designators
48. Telephone Directory
49. Wire Tagging Code
50. Sound Signals
51. Panel Code
52. Unit Identification Code
53. Emergency Ground/Air Code and Panel Code
54. Pyrotechnic and Smoke Signals
55. Printed or pronounced call-signs
56. Printed or pronounced PRO words
57. Printed or pronounced letters phonetically (phonetic alphabet)
58. Pronounced numbers phonetically when using voice communication equipment
59. Printed block letters when copying messages
60. Printed Ø when copying the number zero in messages
61. Converted date and time to date/time/zone group
62. Converted local time to ZULU time
63. Processed incoming messages
64. Prepared outgoing messages
65. Processed outgoing messages

66. Authenticated radio stations and radio messages
67. Used Route Bulletin to determine direct and alternate routes to other switchboards
68. Used Allied Communications Procedure [ACP 134(a)] for authorized telephone-switchboard operating procedures
69. Filled in Designator Strips for switchboard operation
70. Prepared and used Traffic Diagram for switchboard operation

Performed preventive maintenance on:

71. Pole climbing equipment
72. Wire laying/recovery equipment
73. SB-86 switchboard
74. SB-22 switchboard
75. SB-993 switchboard
76. TA-312 telephone
77. TA-264 telephone
78. TA-1 telephone
79. AN/PRC/10 radio
80. AN/PRC/25 radio
81. Administered first aid for electrical shock
82. Administered first aid for broken bones
83. Administered first aid for burns
84. Administered first aid for splinters
85. Administered first aid for unconsciousness
86. Administered first aid for cuts and bruises
87. Related map features to ground features
88. Interpreted map symbols
89. Moved by "dead reckoning"
90. Navigated across unfamiliar terrain

91. Used cover and concealment to avoid detection by the enemy
92. Used your weapon to defend yourself from enemy attack
93. Selected route along which field wire was to be layed
94. Prepared line route maps
95. Interpreted line route maps
96. Made entries on Wire Tags and fastened tags to field wire lines
97. Interpreted entries on Wire Tags
98. Handled classified material
99. Prepared circuit diagrams
100. Interpreted circuit diagrams
101. Selected type of construction (aerial, ground, underground) to be used in a particular situation
102. Selected site for and installed Construction Centers
103. Selected sites for and installed Test Stations
104. Decided on and used the field wire tie appropriate to use in a particular situation (clove hitch, knob tie, basket hitch, etc.)
105. Erected Lance Poles
106. Installed field wire on the surface of the ground
107. Installed field wire across roads by laddering the wire
108. Installed field wire across roads and railroads using culverts
109. Installed field wire across roads using trenches
110. Installed overhead field wire for short spans
111. Installed overhead field wire for long spans
112. Installed field wire below the surface of streams and rivers
113. Installed field wire under railroad tracks by passing wire between ties
114. Installed CX-162/G or CX-163/G (Five Pair Cable) in areas where field wire lines were congested
115. Prepared safety equipment for pole climbing

116. Ascended and descended pole using safety equipment
117. Performed normal wireman duties, using wireman tools and equipment while on pole
118. Installed simplex circuits
119. Installed phantom circuits
120. Installed simplex-phantom circuits
121. Detected the presence and general location of faults in field wire lines using a field telephone (shorts, grounds, crossed, open circuits)
122. Determined the specific location of faults in field wire lines by visual inspection
123. Corrected faults in field wire lines
124. Inspected recovered wire for abrasions or breaks and serviced wire as necessary
125. Decided the splicing technique to use in a particular situation
126. Spliced field wire (WD-1) using the TL-582/U (crimper)
127. Spliced field wire (WD-1) using wire cutting pliers
128. Made standard splice
129. Made T splice in field wire (WD-1)
130. Tested recovered wire for open circuits, short circuits, or high loop resistance
131. Tagged reel of serviced and tested recovered field wire
132. Used MX-306/G to lay field wire (One man: canvas doughnut type)
133. Used Spool DR-8 and Wire Dispenser CE-11 (One man: Harness type) to lay and recover field wire
134. Used Reel 159/U and Wire Dispenser RL-27B (Two men: Axel type) to lay and recover field wire
135. Used Reel RL-159/U and Wire Dispenser RL-31E (Two men: A-frame type) to lay and recover field wire
136. Used Reel RL-159/U and Wire Dispenser RL-172/G (One man: manual or motor) to lay and recover field wire
137. Checked component parts and prepared SB-22 for operation



138. Connected headset to SB-22
139. Connected two SB-22s together
140. Operated the SB-22 to complete required calls
141. Corrected common equipment malfunctions in the SB-22
142. Broke down SB-22 for movement or storage
143. Checked component parts and prepared SB-86 for operation
144. Connected headset to SB-86
145. Connected SB-86 for teletypewriter service
146. Operated SB-86 to complete required calls
147. Corrected common equipment malfunctions in the SB-86
148. Broke down SB-86 for movement or storage
149. Checked component parts and prepared SB-993 for operation
150. Operated SB-993 to complete required calls
151. Broke down SB-993 for movement or storage
152. Assembled components of AN PRC/10 radio
153. Calibrated the AN PRC/10 equipment and checked for transmission and reception
154. Operated the AN PRC/10
155. Broke down the AN PRC/10
156. Assembled components of AN PRC/25 radio
157. Set BAND switch and adjusted tuning controls on AN PRC/25
158. Checked AN PRC/25 radio for transmission and reception
159. Installed re-transmission cable MK-126
160. Operated the AN PRC/25
161. Broke down the AN PRC/25
162. Prepared TA-1 telephone for operation
163. Operated TA-1 telephone
164. Broke down TA-1 telephone

165. Prepared TA-264 telephone for operation
166. Operated TA-264 telephone
167. Broke down TA-264 telephone
168. Prepared TA-312 telephone for operation
169. Operated TA-312 telephone with batteries
170. Operated TA-312 telephone without batteries
171. Broke down TA-312 telephone
172. Installed antenna RC-292
173. Operated the RT-524 component of the AN/VRC-12 series radio
174. Pitched tents for use as part of communications center
175. Operated and serviced power generators
176. Installed and operated switchboard MTC-7
177. Used cryptographic equipment to encode or decode messages
178. Prepared messages for transmission on manual teletype
179. Extracted, duplicated, and distributed pertinent sections of SOI and SSI to subordinate units
180. Routed messages on the basis of their content (subject matter) to staff sections
181. Used Technical Manuals as necessary
182. Surveyed and staked out a pole line
183. Cleared "right of way" (path) for pole line
184. Operated V-18/MTQ to dig holes for poles
185. Dug holes for poles using hand tools
186. Operated V-17/MTQ to set poles in holes
187. Set poles in holes using hand tools (pike or gin pole)
188. Used a Guy Rule to determine size of guy
189. Installed guys, braces and anchors to support poles
190. Installed Cross-arms on poles

191. Used Pull Finder and Steel Tape to measure pull on poles and angles
192. Loaded or unloaded poles from V-120/GT or V-13/GT Trailer
193. Loaded or unloaded reels of cable from V-120/GT or V-13/GT Trailer
194. Used lineman's hand signals
195. Tied one or more of the following knots or hitches: bowline, bowline on a bight, sheep shank, clove hitch, square knot, timber hitch, half hitch
196. Made a "crown splice" or "eye splice" in rope
197. Installed Transposition Brackets
198. Erected A-Frames to support communication wire and cable
199. Installed hardware (Thru bolt, Thimble eye, etc.) on pole and cross-arms
200. Installed Field Wire WD-1 on poles
201. Installed Spiral Four (S-4) cable on poles
202. Installed Telephone Repeater AN/TCC-11 on pole
203. Used Test Set TS/712/TCC-11 to check out Telephone Repeater
204. Installed 5 pair cable on poles
205. Installed 26 pair cable on poles
206. Installed Distribution Box J-1077A/U on pole
207. Used Cable Plow LC-236 to adjust tension on cable
208. Installed Cable Tension Bridge on cable
209. Spliced Spiral Four (S-4) cable
210. Spliced 5 pair cable
211. Installed suspension strands on poles to support cable
212. Installed plastic sheathed cable (Figure 8, Alpeth, Stalpeth, or PICA) on poles or cross-arms
213. Installed lead sheathed cable on poles or cross-arms
214. Operated Cable Lashing Machine
215. Installed cable terminal on pole
216. Installed drop wire from cable terminal to house

217. Installed protectors and ground wire for telephone
218. Installed wire for inside house run for telephone
219. Installed connector blocks for telephone
220. Installed telephone (TA-236, TA-312, or TA-43)
221. Installed auxiliary telephone equipment (key equipment, buzzers, etc.)
222. Installed and operated Communication Patching Panel SB-611/MRC or SB-675/MRC
223. Operated Main Distributing Frame
224. Used Test Set (TS-26/TSM or TS-27/TSM) to detect line faults
225. Installed Running Boards or Transposition Brackets
226. Dead-ended wire or cable
227. Constructed Tension Bridges
228. Fastened cable to Suspension Strand or Support Wire
229. Used Chain Hoist, Block and Tackle, or Wire Pulling Block
230. Additional Tasks. In the space provided on the back of the answer sheet, list any additional tasks you performed on your job when in the field. For example, if you operated the Manual Teletype, say so, and indicate about how often you used it.

# FIELD WIREMAN TASK PERFORMANCE INVENTORY

(Answer Sheet)

1. Name: \_\_\_\_\_  
(Last) (First)
2. Service Number: \_\_\_\_\_ 3. Grade: \_\_\_\_\_
4. Age: \_\_\_\_\_ 5. Years of Schooling Completed: \_\_\_\_\_
6. Present primary MOS: \_\_\_\_\_
7. Your branch of service: Infantry \_\_\_\_\_; Artillery \_\_\_\_\_;  
Armor \_\_\_\_\_; Other \_\_\_\_\_  
(Specify)
8. Total number of months of Army service: \_\_\_\_\_
9. If you attended a Field Wireman Course, when did you complete that Course? \_\_\_\_\_  
(Month) (Year)
10. If you did not attend a Field Wireman Course, check here ☐
11. Present Duty Position (Radio Operator, Telephone Operator, etc.): \_\_\_\_\_
12. Number of months in present Duty Position: \_\_\_\_\_
13. Check below any other Duty Positions in MOS 36K20 that you have filled since you finished your AIT or since you graduated from a Field Wireman Course:

| <u>Duty Position</u>                | <u>How long? (Months)</u> |
|-------------------------------------|---------------------------|
| (a) Radio Operator _____            | _____                     |
| (b) Telephone Operator _____        | _____                     |
| (c) Switchboard Operator _____      | _____                     |
| (d) Wireman _____                   | _____                     |
| (e) Messenger _____                 | _____                     |
| (f) Routing Clerk _____             | _____                     |
| (g) Clearance and Files Clerk _____ | _____                     |
| (h) Incoming Messages Clerk _____   | _____                     |
| (i) Outgoing Messages Clerk _____   | _____                     |

- (j) List any other Duty Positions not in MOS 36K20 (such as company clerk, driver, etc.) that you have filled since you finished your AIT or since you graduated from a Field Wireman Course:

| <u>Duty Position</u> | <u>How long? (Months)</u> |
|----------------------|---------------------------|
| _____                | _____                     |
| _____                | _____                     |
| _____                | _____                     |

14. What was your last Duty Position in the field?

| <u>Duty Position</u> | <u>Location</u><br>(Viet Nam,<br>Europe, etc.) | <u>How long? (Months)</u> |
|----------------------|--|---------------------------|
| _____                | _____  | _____                     |

15. What was your Unit in your last Duty Position in the field?

\_\_\_\_\_  
 (Company, Battery, Troop) (Battalion) (Brigade) (Division)

Name: \_\_\_\_\_ Service Number: \_\_\_\_\_  
 (Last) (First)

# FIELD WIREMAN TASK PERFORMANCE INVENTORY

(Answer Sheet)

We want to know how many duty days during your last 30 duty days in the field you spent doing each of the tasks on the following list. Write the number of duty days you worked on the task in the space provided after each task. For example, if you "installed phantom circuits" on three different days during your last 30 days in the field, write "3" after that task. If during your last 30 duty days in the field you never "operated a SB 22 switch-board," write "0" after that task. Follow the same procedure for all the tasks that are listed.

Be sure to fill in a number for each task named. Raise your hand at any time you have a question.

| Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done |
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| 16       |           | 45       |           | 74       |           | 103      |           | 132      |           | 161      |           | 190      |           | 219      |           |
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| 26       |           | 55       |           | 84       |           | 113      |           | 142      |           | 171      |           | 200      |           | 229      |           |
| 27       |           | 56       |           | 85       |           | 114      |           | 143      |           | 172      |           | 201      |           |          |           |
| 28       |           | 57       |           | 86       |           | 115      |           | 144      |           | 173      |           | 202      |           |          |           |
| 29       |           | 58       |           | 87       |           | 116      |           | 145      |           | 174      |           | 203      |           |          |           |
| 30       |           | 59       |           | 88       |           | 117      |           | 146      |           | 175      |           | 204      |           |          |           |
| 31       |           | 60       |           | 89       |           | 118      |           | 147      |           | 176      |           | 205      |           |          |           |
| 32       |           | 61       |           | 90       |           | 119      |           | 148      |           | 177      |           | 206      |           |          |           |
| 33       |           | 62       |           | 91       |           | 120      |           | 149      |           | 178      |           | 207      |           |          |           |
| 34       |           | 63       |           | 92       |           | 121      |           | 150      |           | 179      |           | 208      |           |          |           |
| 35       |           | 64       |           | 93       |           | 122      |           | 151      |           | 180      |           | 209      |           |          |           |
| 36       |           | 65       |           | 94       |           | 123      |           | 152      |           | 181      |           | 210      |           |          |           |
| 37       |           | 66       |           | 95       |           | 124      |           | 153      |           | 182      |           | 211      |           |          |           |
| 38       |           | 67       |           | 96       |           | 125      |           | 154      |           | 183      |           | 212      |           |          |           |
| 39       |           | 68       |           | 97       |           | 126      |           | 155      |           | 184      |           | 213      |           |          |           |
| 40       |           | 69       |           | 98       |           | 127      |           | 156      |           | 185      |           | 214      |           |          |           |
| 41       |           | 70       |           | 99       |           | 128      |           | 157      |           | 186      |           | 215      |           |          |           |
| 42       |           | 71       |           | 100      |           | 129      |           | 158      |           | 187      |           | 216      |           |          |           |
| 43       |           | 72       |           | 101      |           | 130      |           | 159      |           | 188      |           | 217      |           |          |           |
| 44       |           | 73       |           | 102      |           | 131      |           | 160      |           | 189      |           | 218      |           |          |           |

(OVER)

ADDITIONAL TASKS

| Task | Number of Duty Days on<br>Which You Did This Task |
|------|---|
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |



## APPENDIX B

### SUPERVISOR'S FIELD WIREMAN TASK IMPORTANCE INVENTORY

The purpose of this questionnaire is to get your observations of how often incumbents perform a variety of tasks when they are working in the field as field wiremen. Your ratings will provide research personnel with information on strong and weak portions of training in the Field Wireman Course, which may undergo some revision.

We are asking you to tell us about how many duty days there were in one month on which a field wireman under your supervision performed each of the tasks listed. Think back to your last month as a supervisor in the field and base your answers on the field wireman's performance during the duty days of that month.

We are just as interested in what jobs he did not have to do as we are in those he had to do often. Take your time and give your answers as nearly as possible to the actual number of duty days he did a job. If he did not do a task at all during that month, you will put a zero (0) in the space after the task number. If the wireman operated a switchboard SB-22 in about three duty days during that month in the field, you will put the number "3" in the space after the task "Operated the SB-22 to complete required calls."

First, fill in the following information about yourself as the person who filled out this questionnaire:

1. Name: \_\_\_\_\_
2. Grade: \_\_\_\_\_
3. Present Duty Position: \_\_\_\_\_
4. Your Primary MOS: \_\_\_\_\_
5. Total number of months in the service: \_\_\_\_\_
6. Total number of months in your present Duty Position: \_\_\_\_\_

7. Your last Duty Position in the field: \_\_\_\_\_  
\_\_\_\_\_
8. Location of that Duty Position (Viet Nam; Korea; Germany, etc.)  
\_\_\_\_\_
9. Field Unit: \_\_\_\_\_  
(Company, Battery, Troop) (Battalion) (Brigade) (Division)
10. Total number of months in that Duty Position: \_\_\_\_\_
11. Date of the last full month you served in that Duty Position:  
\_\_\_\_\_ to \_\_\_\_\_  
(Month) (Year) (Month) (Year)
12. Approximate number of field wiremen under your supervision during that month: \_\_\_\_\_
13. Are you a graduate of a Field Wireman Course (36K20)? \_\_\_Yes \_\_\_No
14. Have you attended any special course in the communication field?  
\_\_\_No  
\_\_\_Yes \_\_\_\_\_  
(Specify)
15. Your branch of service: Infantry \_\_\_\_\_; Artillery \_\_\_\_\_;  
Armor \_\_\_\_\_; Other \_\_\_\_\_  
(Specify)

Name: \_\_\_\_\_ Service Number: \_\_\_\_\_  
 (Last) (First)

**SUPERVISOR'S FIELD WIREMAN TASK PERFORMANCE INVENTORY**  
 (Answer Sheet)

In the space after each task number, place a number from 0 to 30 that tells the closest number of days on which you think a field wireman under your supervision did the task named in the last month while you were working on the job in the field.

For Example: If you were a supervisor in the Message Center, and the task named is "Work in Message Center" and the wireman under your supervision worked in the Message Center for about 12 of the duty days of your last month in the field, you would put the number "12" in the space because he spent 12 duty days working in the Message Center.

Be sure to fill in a number for each task named. Remember, we are not asking how often you did the task. We are asking how often a field wireman under your supervision did the task. Raise your hand at any time you have a question.

| Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done | Task No. | Days Done |
|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| 16       |           | 45       |           | 74       |           | 103      |           | 132      |           | 161      |           | 190      |           | 219      |           |
| 17       |           | 46       |           | 75       |           | 104      |           | 133      |           | 162      |           | 191      |           | 220      |           |
| 18       |           | 47       |           | 76       |           | 105      |           | 134      |           | 163      |           | 192      |           | 221      |           |
| 19       |           | 48       |           | 77       |           | 106      |           | 135      |           | 164      |           | 193      |           | 222      |           |
| 20       |           | 49       |           | 78       |           | 107      |           | 136      |           | 165      |           | 194      |           | 223      |           |
| 21       |           | 50       |           | 79       |           | 108      |           | 137      |           | 166      |           | 195      |           | 224      |           |
| 22       |           | 51       |           | 80       |           | 109      |           | 138      |           | 167      |           | 196      |           | 225      |           |
| 23       |           | 52       |           | 81       |           | 110      |           | 139      |           | 168      |           | 197      |           | 226      |           |
| 24       |           | 53       |           | 82       |           | 111      |           | 140      |           | 169      |           | 198      |           | 227      |           |
| 25       |           | 54       |           | 83       |           | 112      |           | 141      |           | 170      |           | 199      |           | 228      |           |
| 26       |           | 55       |           | 84       |           | 113      |           | 142      |           | 171      |           | 200      |           | 229      |           |
| 27       |           | 56       |           | 85       |           | 114      |           | 143      |           | 172      |           | 201      |           |          |           |
| 28       |           | 57       |           | 86       |           | 115      |           | 144      |           | 173      |           | 202      |           |          |           |
| 29       |           | 58       |           | 87       |           | 116      |           | 145      |           | 174      |           | 203      |           |          |           |
| 30       |           | 59       |           | 88       |           | 117      |           | 146      |           | 175      |           | 204      |           |          |           |
| 31       |           | 60       |           | 89       |           | 118      |           | 147      |           | 176      |           | 205      |           |          |           |
| 32       |           | 61       |           | 90       |           | 119      |           | 148      |           | 177      |           | 206      |           |          |           |
| 33       |           | 62       |           | 91       |           | 120      |           | 149      |           | 178      |           | 207      |           |          |           |
| 34       |           | 63       |           | 92       |           | 121      |           | 150      |           | 179      |           | 208      |           |          |           |
| 35       |           | 64       |           | 93       |           | 122      |           | 151      |           | 180      |           | 209      |           |          |           |
| 36       |           | 65       |           | 94       |           | 123      |           | 152      |           | 181      |           | 210      |           |          |           |
| 37       |           | 66       |           | 95       |           | 124      |           | 153      |           | 182      |           | 211      |           |          |           |
| 38       |           | 67       |           | 96       |           | 125      |           | 154      |           | 183      |           | 212      |           |          |           |
| 39       |           | 68       |           | 97       |           | 126      |           | 155      |           | 184      |           | 213      |           |          |           |
| 40       |           | 69       |           | 98       |           | 127      |           | 156      |           | 185      |           | 214      |           |          |           |
| 41       |           | 70       |           | 99       |           | 128      |           | 157      |           | 186      |           | 215      |           |          |           |
| 42       |           | 71       |           | 100      |           | 129      |           | 158      |           | 187      |           | 216      |           |          |           |
| 43       |           | 72       |           | 101      |           | 130      |           | 159      |           | 188      |           | 217      |           |          |           |
| 44       |           | 73       |           | 102      |           | 131      |           | 160      |           | 189      |           | 218      |           |          |           |

(OVER)

ADDITIONAL TASKS

Task

Number of Duty Days on  
Which Men Did This Task

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## APPENDIX C

### Resume of Job Duties Done at Least Once By More Than 50% of Men in Overseas Areas (N=138)

| <u>Questionnaire Item #<sup>1</sup></u> | <u>Item</u>  |
|---|--|
| 16                                      | Drove light vehicles (up to 3/4 ton)   |
| 17                                      | Performed 1st echelon maintenance on light vehicles  |
| 23                                      | Filled-in DA Form 2404 (Equipment Inspection & Maintenance Worksheet) to indicate the serviceability of equipment                        |
| 45                                      | Used Radio Call Signs & Frequencies from SOI   |
| 57                                      | Printed or pronounced letters phonetically (phonetic alphabet)   |
| 72                                      | Performed preventive maintenance on wire laying/recovery equipment   |
| 74                                      | Performed preventive maintenance on SB-22 switchboard  |
| 76                                      | Performed preventive maintenance on TA-312 telephone   |
| 91                                      | Used cover and concealment to avoid detection by the enemy   |
| 92 <sup>2</sup>                         | Used your weapon to defend yourself from enemy attack  |
| 106                                     | Installed field wire on the surface of the ground  |
| 121                                     | Detected the presence & general location of faults in field wire lines using a field telephone (shorts, grounds, crossed, open circuits) |

<sup>1</sup>Refers to items appearing in Appendix A

<sup>2</sup>Vietnam only

122 Determined the specific location of faults  
in field wire lines by visual inspection

123 Corrected faults in field wire lines

127 Spliced field wire (WD-1) using wire cutting  
pliers

128 Made standard splice

137 Checked component parts & prepared SB-22  
for operation

138 Connected headset to SB-22

140 Operated the SB-22 to complete required calls

168 Prepared TA-312 telephone for operation

169 Operated TA-312 telephone with batteries

220 Installed telephone (TA-236, TA-312, or TA-43)

Table C-1

Frequency Distribution of Approximate Number of Days  
on which Wiremen in Overseas Areas Did Job Duties  
Listed on Field Wireman Task Performance Inventory (N=138)

| Item<br>No. | Never | 1-5<br>Days | 6-10<br>Days | 11-15<br>Days | 16-20<br>Days | 21-25<br>Days | 26-30<br>Days |
|-------------|-------|-------------|--------------|---------------|---------------|---------------|---------------|
| 16*         | 35    | 33          | 24           | 9             | 10            | 6             | 21            |
| 17*         | 44    | 27          | 13           | 13            | 13            | 4             | 24            |
| 18          | 83    | 36          | 7            | 3             | 4             | 1             | 4             |
| 19          | 112   | 18          | 2            | 2             | 0             | 1             | 3             |
| 20          | 100   | 21          | 11           | 4             | 0             | 1             | 1             |
| 21          | 101   | 22          | 10           | 3             | 1             | 0             | 1             |
| 22          | 84    | 31          | 8            | 4             | 6             | 2             | 3             |
| 23*         | 62    | 35          | 7            | 4             | 13            | 4             | 13            |
| 24          | 125   | 2           | 0            | 0             | 2             | 0             | 9             |
| 25**        | 132   | 0           | 2            | 0             | 0             | 0             | 4             |
| 26**        | 131   | 2           | 0            | 0             | 1             | 0             | 4             |
| 27**        | 128   | 3           | 2            | 0             | 2             | 0             | 3             |
| 28          | 125   | 6           | 1            | 3             | 0             | 0             | 3             |
| 29          | 99    | 20          | 8            | 1             | 3             | 3             | 4             |
| 30          | 122   | 9           | 4            | 0             | 0             | 0             | 3             |
| 31          | 125   | 8           | 3            | 0             | 0             | 1             | 1             |
| 32          | 125   | 5           | 4            | 1             | 2             | 0             | 1             |
| 33          | 129   | 3           | 1            | 1             | 2             | 0             | 2             |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 34**     | 128   | 5        | 1         | 1          | 1          | 0          | 2          |
| 35**     | 128   | 3        | 4         | 0          | 0          | 0          | 3          |
| 36       | 117   | 5        | 7         | 2          | 2          | 1          | 6          |
| 37       | 116   | 7        | 5         | 3          | 1          | 1          | 5          |
| 38**     | 131   | 1        | 1         | 2          | 0          | 1          | 2          |
| 39**     | 132   | 3        | 0         | 0          | 0          | 0          | 3          |
| 40       | 120   | 6        | 5         | 2          | 0          | 1          | 4          |
| 41       | 123   | 6        | 3         | 1          | 1          | 0          | 4          |
| 42**     | 134   | 3        | 0         | 0          | 0          | 0          | 1          |
| 43**     | 127   | 3        | 2         | 1          | 0          | 1          | 4          |
| 44       | 114   | 10       | 2         | 4          | 1          | 1          | 6          |
| 45*      | 59    | 25       | 9         | 7          | 4          | 4          | 30         |
| 46**     | 127   | 6        | 1         | 0          | 1          | 0          | 3          |
| 47       | 125   | 3        | 4         | 1          | 2          | 0          | 3          |
| 48       | 113   | 17       | 3         | 3          | 0          | 0          | 2          |
| 49       | 102   | 18       | 6         | 1          | 3          | 0          | 8          |
| 50**     | 129   | 4        | 0         | 0          | 1          | 0          | 4          |
| 51**     | 130   | 5        | 1         | 0          | 0          | 0          | 2          |
| 52       | 93    | 20       | 5         | 6          | 1          | 2          | 11         |
| 53**     | 134   | 4        | 0         | 0          | 0          | 0          | 0          |
| 54       | 122   | 9        | 2         | 2          | 0          | 0          | 3          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%



Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 55       | 76    | 17       | 10        | 5          | 4          | 3          | 23         |
| 56       | 112   | 9        | 5         | 1          | 0          | 1          | 10         |
| 57*      | 68    | 25       | 7         | 7          | 5          | 1          | 25         |
| 58       | 80    | 13       | 8         | 6          | 4          | 2          | 25         |
| 59       | 121   | 4        | 3         | 0          | 1          | 1          | .8         |
| 60       | 108   | 8        | 5         | 3          | 3          | 0          | 11         |
| 61       | 120   | 4        | 3         | 0          | 0          | 0          | 11         |
| 62       | 119   | 6        | 4         | 2          | 1          | 0          | 6          |
| 63       | 115   | 4        | 0         | 4          | 1          | 1          | 13         |
| 64       | 116   | 4        | 1         | 4          | 0          | 1          | 12         |
| 65       | 115   | 3        | 1         | 5          | 1          | 1          | 12         |
| 66       | 98    | 10       | 6         | 6          | 3          | 2          | 13         |
| 67       | 86    | 25       | 5         | 8          | 1          | 1          | 12         |
| 68       | 122   | 5        | 2         | 1          | 2          | 1          | 5          |
| 69       | 92    | 29       | 5         | 6          | 1          | 0          | 5          |
| 70       | 83    | 37       | 4         | 5          | 0          | 1          | 8          |
| 71       | 72    | 47       | 6         | 2          | 0          | 0          | 11         |
| 72*      | 56    | 45       | 13        | 5          | 6          | 1          | 12         |
| 73       | 109   | 13       | 6         | 3          | 1          | 0          | 6          |
| 74*      | 61    | 36       | 11        | 6          | 3          | 3          | 18         |
| 75       | 125   | 7        | 2         | 1          | 0          | 2          | 1          |

\* Job duty done by more than 50%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 76*      | 47    | 40       | 16        | 6          | 7          | 2          | 20         |
| 77       | 123   | 11       | 2         | 0          | 0          | 0          | 2          |
| 78       | 84    | 32       | 7         | 3          | 1          | 1          | 10         |
| 79       | 123   | 5        | 2         | 3          | 0          | 0          | 5          |
| 80       | 84    | 29       | 4         | 7          | 3          | 1          | 10         |
| 81**     | 138   | 0        | 0         | 0          | 0          | 0          | 0          |
| 82**     | 134   | 4        | 0         | 0          | 0          | 0          | 0          |
| 83**     | 127   | 9        | 2         | 0          | 0          | 0          | 0          |
| 84**     | 126   | 8        | 1         | 0          | 1          | 0          | 2          |
| 85**     | 129   | 9        | 0         | 0          | 0          | 0          | 0          |
| 86       | 103   | 28       | 3         | 2          | 1          | 0          | 1          |
| 87       | 109   | 19       | 4         | 0          | 1          | 0          | 5          |
| 88       | 109   | 20       | 2         | 2          | 0          | 1          | 4          |
| 89       | 125   | 8        | 1         | 0          | 0          | 1          | 3          |
| 90       | 97    | 23       | 6         | 3          | 2          | 1          | 6          |
| 91*      | 65    | 27       | 9         | 9          | 6          | 1          | 21         |
| 92*      | 65    | 42       | 7         | 6          | 4          | 1          | 13         |
| 93       | 79    | 29       | 16        | 5          | 3          | 0          | 6          |
| 94       | 123   | 13       | 0         | 1          | 0          | 0          | 1          |
| 95       | 117   | 14       | 2         | 2          | 0          | 2          | 1          |
| 96       | 71    | 35       | 15        | 6          | 6          | 0          | 5          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 97       | 101   | 18       | 8         | 3          | 4          | 0          | 4          |
| 98       | 75    | 24       | 2         | 5          | 5          | 1          | 26         |
| 99       | 123   | 12       | 2         | 0          | 0          | 0          | 1          |
| 100      | 122   | 9        | 2         | 0          | 0          | 0          | 5          |
| 101      | 83    | 38       | 10        | 3          | 0          | 0          | 4          |
| 102      | 120   | 14       | 1         | 1          | 0          | 0          | 2          |
| 103      | 123   | 11       | 2         | 1          | 0          | 0          | 1          |
| 104      | 74    | 35       | 10        | 5          | 5          | 4          | 5          |
| 105      | 120   | 15       | 3         | 0          | 0          | 0          | 0          |
| 106*     | 54    | 47       | 14        | 3          | 8          | 1          | 11         |
| 107      | 103   | 20       | 7         | 1          | 1          | 1          | 5          |
| 108      | 112   | 18       | 3         | 2          | 1          | 0          | 2          |
| 109      | 86    | 35       | 8         | 2          | 3          | 0          | 4          |
| 110      | 76    | 40       | 13        | 2          | 1          | 2          | 4          |
| 111      | 103   | 21       | 5         | 2          | 2          | 1          | 4          |
| 112**    | 127   | 9        | 0         | 0          | 2          | 0          | 0          |
| 113**    | 135   | 2        | 0         | 0          | 0          | 0          | 1          |
| 114      | 111   | 20       | 4         | 1          | 0          | 0          | 2          |
| 115      | 97    | 29       | 2         | 4          | 2          | 0          | 4          |
| 116      | 99    | 25       | 6         | 2          | 2          | 0          | 4          |
| 117      | 82    | 30       | 12        | 3          | 3          | 1          | 7          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 118      | 118   | 13       | 3         | 1          | 1          | 0          | 2          |
| 119      | 124   | 9        | 2         | 1          | 0          | 0          | 2          |
| 120**    | 127   | 5        | 1         | 1          | 1          | 1          | 2          |
| 121*     | 63    | 35       | 18        | 5          | 7          | 1          | 9          |
| 122*     | 66    | 40       | 17        | 2          | 3          | 1          | 9          |
| 123*     | 54    | 35       | 15        | 12         | 5          | 3          | 14         |
| 124      | 79    | 29       | 13        | 5          | 4          | 1          | 7          |
| 125      | 79    | 23       | 15        | 10         | 3          | 1          | 7          |
| 126      | 115   | 16       | 4         | 1          | 1          | 0          | 1          |
| 127*     | 56    | 31       | 19        | 8          | 4          | 6          | 14         |
| 128*     | 58    | 31       | 16        | 12         | 1          | 4          | 16         |
| 129      | 81    | 41       | 9         | 0          | 3          | 0          | 4          |
| 130      | 94    | 28       | 9         | 1          | 2          | 0          | 4          |
| 131      | 92    | 33       | 5         | 2          | 1          | 0          | 5          |
| 132      | 102   | 26       | 1         | 1          | 3          | 0          | 5          |
| 133      | 86    | 31       | 11        | 0          | 4          | 1          | 5          |
| 134      | 90    | 30       | 11        | 2          | 2          | 0          | 3          |
| 135      | 93    | 23       | 15        | 3          | 1          | 0          | 3          |
| 136      | 120   | 13       | 3         | 0          | 1          | 0          | 1          |
| 137*     | 68    | 48       | 6         | 5          | 0          | 0          | 11         |
| 138*     | 64    | 46       | 9         | 7          | 4          | 0          | 8          |
| 139      | 81    | 42       | 5         | 2          | 3          | 0          | 5          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 140*     | 57    | 40       | 7         | 9          | 5          | 2          | 18         |
| 141      | 75    | 49       | 4         | 4          | 4          | 0          | 2          |
| 142      | 89    | 36       | 7         | 3          | 1          | 0          | 2          |
| 143      | 119   | 13       | 2         | 2          | 1          | 0          | 1          |
| 144      | 116   | 14       | 5         | 0          | 0          | 0          | 3          |
| 145**    | 135   | 1        | 1         | 0          | 0          | 0          | 1          |
| 146      | 117   | 5        | 7         | 2          | 1          | 1          | 5          |
| 147      | 123   | 9        | 2         | 2          | 0          | 0          | 2          |
| 148      | 124   | 11       | 3         | 0          | 0          | 0          | 0          |
| 149**    | 132   | 6        | 0         | 0          | 0          | 0          | 0          |
| 150**    | 133   | 5        | 0         | 0          | 0          | 0          | 0          |
| 151**    | 136   | 2        | 0         | 0          | 0          | 0          | 0          |
| 152**    | 126   | 8        | 3         | 0          | 0          | 0          | 1          |
| 153      | 122   | 9        | 3         | 1          | 1          | 0          | 2          |
| 154      | 120   | 11       | 2         | 0          | 1          | 2          | 2          |
| 155      | 121   | 10       | 5         | 0          | 0          | 0          | 2          |
| 156      | 90    | 30       | 9         | 0          | 0          | 3          | 6          |
| 157      | 79    | 33       | 9         | 3          | 3          | 3          | 8          |
| 158      | 70    | 33       | 13        | 3          | 1          | 5          | 13         |
| 159**    | 131   | 5        | 2         | 0          | 0          | 0          | 0          |
| 160      | 73    | 32       | 10        | 3          | 2          | 3          | 15         |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 161      | 97    | 27       | 5         | 2          | 1          | 2          | 4          |
| 162      | 81    | 38       | 9         | 2          | 3          | 1          | 4          |
| 163      | 83    | 32       | 8         | 4          | 3          | 2          | 6          |
| 164      | 100   | 30       | 3         | 0          | 0          | 0          | 5          |
| 165**    | 132   | 5        | 0         | 0          | 0          | 0          | 1          |
| 166**    | 134   | 2        | 1         | 0          | 0          | 0          | 1          |
| 167**    | 133   | 3        | 0         | 1          | 0          | 0          | 1          |
| 168*     | 46    | 37       | 15        | 15         | 7          | 5          | 13         |
| 169*     | 37    | 30       | 16        | 9          | 12         | 9          | 25         |
| 170      | 100   | 26       | 7         | 1          | 0          | 1          | 3          |
| 171      | 80    | 36       | 8         | 6          | 1          | 1          | 6          |
| 172      | 93    | 36       | 5         | 1          | 0          | 1          | 2          |
| 173      | 118   | 10       | 6         | 0          | 0          | 0          | 4          |
| 174      | 99    | 32       | 4         | 1          | 1          | 0          | 1          |
| 175      | 102   | 21       | 4         | 2          | 1          | 1          | 7          |
| 176**    | 135   | 2        | 0         | 1          | 0          | 0          | 0          |
| 177**    | 132   | 1        | 0         | 1          | 0          | 0          | 4          |
| 178**    | 134   | 1        | 1         | 0          | 0          | 0          | 2          |
| 179**    | 126   | 3        | 6         | 1          | 0          | 0          | 2          |
| 180      | 122   | 5        | 2         | 2          | 0          | 0          | 7          |
| 181      | 98    | 26       | 5         | 1          | 1          | 0          | 7          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 182      | 123   | 8        | 4         | 1          | 1          | 0          | 1          |
| 183**    | 131   | 4        | 3         | 0          | 0          | 0          | 0          |
| 184**    | 136   | 1        | 1         | 0          | 0          | 0          | 0          |
| 185      | 116   | 19       | 1         | 0          | 0          | 0          | 2          |
| 186**    | 134   | 1        | 2         | 0          | 0          | 0          | 1          |
| 187      | 124   | 12       | 1         | 0          | 0          | 0          | 1          |
| 188**    | 135   | 3        | 0         | 0          | 0          | 0          | 0          |
| 189      | 124   | 10       | 2         | 0          | 0          | 0          | 2          |
| 190**    | 126   | 10       | 2         | 0          | 0          | 0          | 0          |
| 191**    | 136   | 1        | 1         | 0          | 0          | 0          | 0          |
| 192**    | 135   | 2        | 1         | 0          | 0          | 0          | 0          |
| 193**    | 132   | 6        | 0         | 0          | 0          | 0          | 0          |
| 194**    | 130   | 6        | 0         | 1          | 1          | 0          | 0          |
| 195      | 86    | 27       | 11        | 6          | 3          | 1          | 4          |
| 196**    | 134   | 1        | 1         | 0          | 1          | 0          | 1          |
| 197**    | 136   | 0        | 1         | 1          | 0          | 0          | 0          |
| 198      | 122   | 10       | 3         | 2          | 1          | 0          | 0          |
| 199      | 125   | 8        | 4         | 0          | 1          | 0          | 0          |
| 200      | 79    | 42       | 9         | 2          | 2          | 0          | 4          |
| 201      | 122   | 10       | 2         | 1          | 1          | 0          | 2          |
| 202**    | 133   | 3        | 1         | 0          | 0          | 0          | 1          |

\*\* Job duty not done by 90%

Table C-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 203**    | 133   | 5        | 0         | 0          | 0          | 0          | 0          |
| 204      | 123   | 14       | 0         | 0          | 0          | 0          | 1          |
| 205      | 124   | 13       | 0         | 1          | 0          | 0          | 0          |
| 206**    | 127   | 9        | 1         | 0          | 0          | 0          | 1          |
| 207**    | 135   | 3        | 0         | 0          | 0          | 0          | 0          |
| 208**    | 134   | 3        | 0         | 1          | 0          | 0          | 0          |
| 209      | 121   | 15       | 1         | 0          | 0          | 0          | 1          |
| 210      | 122   | 15       | 0         | 0          | 0          | 0          | 1          |
| 211**    | 132   | 5        | 0         | 0          | 1          | 0          | 0          |
| 212**    | 138   | 0        | 0         | 0          | 0          | 0          | 0          |
| 213**    | 138   | 0        | 0         | 0          | 0          | 0          | 0          |
| 214**    | 136   | 1        | 1         | 0          | 0          | 0          | 0          |
| 215**    | 127   | 8        | 3         | 0          | 0          | 0          | 0          |
| 216      | 124   | 11       | 2         | 1          | 0          | 0          | 0          |
| 217      | 118   | 14       | 4         | 0          | 0          | 0          | 2          |
| 218      | 110   | 27       | 1         | 0          | 0          | 0          | 0          |
| 219**    | 126   | 9        | 2         | 1          | 0          | 0          | 0          |
| 220*     | 67    | 38       | 15        | 4          | 5          | 1          | 8          |
| 221**    | 127   | 7        | 3         | 0          | 0          | 0          | 1          |
| 222**    | 135   | 2        | 0         | 0          | 1          | 0          | 0          |
| 223**    | 136   | 2        | 0         | 0          | 0          | 0          | 0          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%



Table C-1 - continued

| Item<br>No. | Never | 1-5<br>Days | 6-10<br>Days | 11-15<br>Days | 16-20<br>Days | 21-25<br>Days | 26-30<br>Days |
|-------------|-------|-------------|--------------|---------------|---------------|---------------|---------------|
| 224**       | 132   | 4           | 1            | 0             | 0             | 0             | 1             |
| 225**       | 138   | 0           | 0            | 0             | 0             | 0             | 0             |
| 226**       | 126   | 6           | 3            | 0             | 1             | 1             | 1             |
| 227**       | 134   | 3           | 1            | 0             | 0             | 0             | 0             |
| 228**       | 133   | 4           | 1            | 0             | 0             | 0             | 0             |
| 229**       | 130   | 5           | 1            | 0             | 0             | 1             | 1             |

\*\* Job duty not done by 90%

Resume of Job Duties Never Done by 90%  
of Men in Overseas Areas (N=138)

| <u>Questionnaire Item #<sup>1</sup></u> | <u>Item</u>   |
|---|---|
| 25                                      | Made entries on DA Form 11-37 (Distribution Center Delivery List) |
| 26                                      | Prepared DA Form 11-63 (Route Delivery List)                      |
| 27                                      | Made entries on DA Form 173 (Joint Message Form)                  |
| 33                                      | Filled-in DA Form 11-170 (Message Form)                           |
| 34                                      | Used Air Messenger Schedule from SOI                              |
| 35                                      | Used Motor Messenger Schedule from SOI                            |
| 38                                      | Used TT, RATT & RATG Authentication System from SOI               |
| 39                                      | Used Maplay Cryptosystem from SOI                                 |
| 42                                      | Used Friendly Nuclear Strike Warning System from SOI              |
| 43                                      | Used Message Reference Number System from SOI                     |
| 46                                      | Used Teletypewriter Call Signs from SOI                           |
| 50                                      | Used Sound Signals from SOI                                       |
| 51                                      | Used Panel Code from SOI  |
| 53                                      | Used Emergency Ground/Air Code and Panel Code from SOI            |
| 81                                      | Administered first aid for electrical shock                       |
| 82                                      | Administered first aid for broken bones                           |
| 83                                      | Administered first aid for burns                                  |
| 84                                      | Administered first aid for splinters                              |

<sup>1</sup>Refers to items appearing in Appendix A

85 Administered first aid for unconsciousness

112 Installed field wire below the surface of streams and rivers

113 Installed field wire under railroad tracks by passing wire between ties

120 Installed simplex-phantom circuits

145 Connected SB-86 for teletypewriter service

149 Checked component parts & prepared SB-993 for operation

150 Operated SB-993 to complete required calls

151 Broke down SB-993 for movement or storage

152 Assembled components of AN PRC/10 radio

159 Installed re-transmission cable MK-126

165 Prepared TA-264 telephone for operation

166 Operated TA-264 telephone

167 Broke down TA-264 telephone

176 Installed & Operated switchboard MTC-7

177 Used cryptographic equipment to encode & decode messages

178 Prepared messages for transmission on manual teletype

179 Extracted, duplicated, & distributed pertinent sections of SOI & SSI to subordinate units

183 Cleared "right of way" (path) for pole line

184 Operated V-18/MTS to dig holes for poles

186 Operated V-17/MTQ to set poles in holes

188 Used a Guy Rule to determine size of guy

190 Installed Cross-arms on poles

191 Used Pull Finder and Steel Tape to measure pull on poles and angles

- 192                    Loaded or unloaded poles from V-120/GT or V-13/GT Trailer
- 193                    Loaded or unloaded reels of cable from V-120/GT Trailer or V-13/GT Trailer
- 194                    Used a lineman's hand signals
- 196                    Made a "crown splice" or "eye splice" in rope
- 197                    Installed Transposition Brackets
- 202                    Installed Telephone Repeater AN/TCC-11 on pole
- 203                    Used Test Set TS/712/TCC-11 to check out Telephone Repeater
- 206                    Installed Distribution Box J-1077A/U on pole
- 207                    Used Cable Plow LC-236 to adjust tension on cable
- 208                    Installed Cable Tension Bridge on cable
- 211                    Installed suspension strands on poles to support cable
- 212                    Installed plastic sheathed cable (Fig. 8, Alpeth, Stalpeth, or PICA) on poles or cross-arms
- 213                    Installed lead sheathed cable on poles or cross-arms
- 214                    Operated Cable Lashing Machine
- 215                    Installed cable terminal on pole
- 219                    Installed connector blocks for telephone
- 221                    Installed auxiliary telephone equipment (key equipment, buzzers, etc.)
- 222                    Installed & Operated Communication Patching Panel SB-611/MRC or SB-675/MRC
- 223                    Operated Main Distributing Frame
- 224                    Used Test Set (TS-26/TSM or TS-27/TSM) to detect line faults
- 225                    Installed Running Boards or Transposition Brackets

- 226 Dead-ended wire or cable
- 227 Constructed Tension Bridges
- 228 Fastened cable to Suspension Strand or Support Wire
- 229 Used Chain Hoist, Block and Tackle, or Wire Pulling Block

# APPENDIX D

## Table D-1

Frequency Distribution of Approximate Number of Days  
on which Supervisors in Overseas Areas Stated that  
Field Wiremen Under their Supervision Did Job Duties  
Listed on Field Wireman Task Performance Inventory (N=38)

| Item<br>No. | Never | 1-5<br>Days | 6-10<br>Days | 11-15<br>Days | 16-20<br>Days | 21-25<br>Days | 26-30<br>Days |
|-------------|-------|-------------|--------------|---------------|---------------|---------------|---------------|
| 16*         | 5     | 1           | 1            | 8             | 4             | 2             | 17            |
| 17*         | 8     | 4           | 3            | 4             | 2             | 2             | 15            |
| 18          | 19    | 9           | 3            | 4             | 1             | 0             | 2             |
| 19          | 28    | 7           | 3            | 0             | 0             | 0             | 0             |
| 20          | 22    | 7           | 6            | 1             | 1             | 0             | 1             |
| 21          | 21    | 6           | 4            | 2             | 2             | 1             | 2             |
| 22          | 21    | 11          | 2            | 1             | 0             | 1             | 2             |
| 23*         | 11    | 9           | 1            | 0             | 4             | 0             | 13            |
| 24          | 28    | 4           | 3            | 0             | 0             | 0             | 3             |
| 25**        | 31    | 1           | 1            | 0             | 1             | 0             | 4             |
| 26**        | 35    | 2           | 0            | 0             | 0             | 0             | 1             |
| 27**        | 31    | 4           | 2            | 0             | 1             | 0             | 0             |
| 28          | 34    | 2           | 1            | 0             | 0             | 0             | 1             |
| 29          | 23    | 10          | 1            | 0             | 2             | 0             | 2             |
| 30          | 29    | 5           | 0            | 1             | 1             | 0             | 2             |
| 31          | 30    | 4           | 1            | 0             | 0             | 1             | 2             |
| 32          | 26    | 7           | 3            | 0             | 0             | 0             | 2             |
| 33**        | 29    | 1           | 1            | 2             | 1             | 0             | 4             |
| 34**        | 34    | 3           | 0            | 0             | 0             | 0             | 1             |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 35**     | 33    | 3        | 0         | 1          | 1          | 0          | 0          |
| 36       | 23    | 8        | 1         | 1          | 0          | 0          | 5          |
| 37       | 26    | 3        | 2         | 0          | 0          | 0          | 7          |
| 38**     | 33    | 3        | 0         | 1          | 0          | 0          | 1          |
| 39**     | 35    | 2        | 1         | 0          | 0          | 0          | 0          |
| 40       | 30    | 1        | 0         | 1          | 1          | 0          | 5          |
| 41       | 30    | 1        | 2         | 1          | 2          | 0          | 2          |
| 42**     | 36    | 1        | 0         | 0          | 1          | 0          | 0          |
| 43**     | 30    | 3        | 2         | 1          | 1          | 0          | 1          |
| 44       | 26    | 5        | 1         | 1          | 1          | 0          | 4          |
| 45*      | 7     | 11       | 3         | 2          | 1          | 1          | 13         |
| 46**     | 34    | 2        | 0         | 1          | 0          | 0          | 1          |
| 47       | 25    | 5        | 0         | 0          | 1          | 0          | 7          |
| 48       | 25    | 4        | 2         | 0          | 3          | 0          | 4          |
| 49       | 17    | 5        | 5         | 0          | 2          | 1          | 8          |
| 50**     | 34    | 2        | 0         | 1          | 0          | 0          | 1          |
| 51**     | 28    | 5        | 0         | 1          | 0          | 0          | 4          |
| 52       | 24    | 6        | 1         | 0          | 1          | 0          | 6          |
| 53**     | 33    | 3        | 0         | 0          | 0          | 0          | 2          |
| 54       | 30    | 2        | 2         | 1          | 1          | 0          | 2          |
| 55       | 13    | 4        | 2         | 1          | 2          | 0          | 16         |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 56       | 22    | 2        | 5         | 0          | 1          | 0          | 8          |
| 57*      | 13    | 5        | 4         | 1          | 1          | 0          | 14         |
| 58       | 16    | 5        | 1         | 1          | 1          | 0          | 14         |
| 59       | 22    | 6        | 3         | 2          | 0          | 0          | 5          |
| 60       | 20    | 4        | 3         | 0          | 1          | 0          | 10         |
| 61       | 26    | 1        | 3         | 1          | 2          | 0          | 5          |
| 62       | 24    | 3        | 1         | 1          | 3          | 0          | 6          |
| 63       | 24    | 2        | 2         | 0          | 2          | 1          | 7          |
| 64       | 25    | 3        | 2         | 1          | 2          | 0          | 5          |
| 65       | 23    | 3        | 2         | 2          | 1          | 0          | 7          |
| 66       | 17    | 4        | 4         | 3          | 0          | 0          | 10         |
| 67       | 16    | 7        | 1         | 2          | 1          | 1          | 10         |
| 68       | 28    | 3        | 1         | 0          | 0          | 0          | 6          |
| 69       | 13    | 11       | 1         | 1          | 3          | 1          | 8          |
| 70       | 10    | 10       | 3         | 0          | 3          | 0          | 12         |
| 71       | 17    | 9        | 2         | 1          | 3          | 1          | 5          |
| 72*      | 7     | 9        | 5         | 2          | 5          | 2          | 8          |
| 73       | 28    | 2        | 1         | 0          | 2          | 0          | 5          |
| 74*      | 9     | 8        | 1         | 0          | 3          | 0          | 17         |
| 75       | 32    | 3        | 2         | 0          | 0          | 0          | 1          |
| 76*      | 3     | 5        | 7         | 1          | 2          | 0          | 20         |

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\*Job duty done by more than 50%



Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 77       | 33    | 2        | 1         | 0          | 1          | 0          | 1          |
| 78       | 17    | 5        | 1         | 2          | 2          | 0          | 11         |
| 79       | 33    | 2        | 0         | 0          | 0          | 0          | 3          |
| 80       | 16    | 6        | 6         | 2          | 1          | 0          | 7          |
| 81**     | 35    | 2        | 1         | 0          | 0          | 0          | 0          |
| 82**     | 33    | 4        | 1         | 0          | 0          | 0          | 0          |
| 83**     | 30    | 5        | 2         | 1          | 0          | 0          | 0          |
| 84**     | 27    | 6        | 5         | 0          | 0          | 0          | 0          |
| 85**     | 34    | 3        | 1         | 0          | 0          | 0          | 0          |
| 86       | 24    | 8        | 3         | 0          | 2          | 0          | 1          |
| 87       | 25    | 3        | 3         | 0          | 2          | 1          | 4          |
| 88       | 22    | 6        | 4         | 0          | 2          | 0          | 4          |
| 89       | 31    | 3        | 1         | 0          | 2          | 0          | 1          |
| 90       | 18    | 6        | 6         | 2          | 3          | 0          | 3          |
| 91*      | 17    | 6        | 6         | 3          | 2          | 0          | 4          |
| 92*      | 18    | 7        | 3         | 3          | 2          | 0          | 5          |
| 93       | 10    | 10       | 6         | 3          | 3          | 0          | 6          |
| 94       | 23    | 6        | 1         | 0          | 5          | 0          | 3          |
| 95       | 22    | 7        | 1         | 0          | 3          | 1          | 4          |
| 96       | 11    | 7        | 5         | 2          | 2          | 2          | 9          |
| 97       | 15    | 5        | 4         | 3          | 5          | 1          | 5          |
| 98       | 17    | 5        | 1         | 0          | 1          | 0          | 14         |

\*Job duty done by more than 50%  
 \*\*Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 99       | 24    | 4        | 4         | 0          | 2          | 1          | 3          |
| 100      | 26    | 3        | 4         | 0          | 3          | 0          | 2          |
| 101      | 11    | 8        | 10        | 3          | 2          | 0          | 4          |
| 102      | 31    | 3        | 1         | 0          | 3          | 0          | 0          |
| 103      | 26    | 4        | 4         | 1          | 2          | 0          | 1          |
| 104      | 12    | 6        | 3         | 2          | 5          | 2          | 8          |
| 105      | 26    | 9        | 1         | 1          | 0          | 0          | 1          |
| 106*     | 5     | 8        | 5         | 6          | 3          | 0          | 11         |
| 107      | 22    | 9        | 2         | 1          | 2          | 0          | 2          |
| 108      | 17    | 13       | 3         | 3          | 2          | 0          | 0          |
| 109      | 17    | 8        | 6         | 0          | 2          | 2          | 3          |
| 110      | 10    | 13       | 5         | 4          | 2          | 1          | 3          |
| 111      | 21    | 8        | 2         | 3          | 0          | 2          | 2          |
| 112**    | 32    | 2        | 2         | 1          | 1          | 0          | 0          |
| 113**    | 34    | 3        | 1         | 0          | 0          | 0          | 0          |
| 114      | 25    | 9        | 2         | 1          | 1          | 0          | 0          |
| 115      | 18    | 8        | 5         | 1          | 5          | 0          | 1          |
| 116      | 19    | 9        | 3         | 1          | 4          | 0          | 2          |
| 117      | 16    | 10       | 2         | 2          | 5          | 0          | 3          |
| 118      | 21    | 10       | 2         | 2          | 0          | 0          | 3          |
| 119      | 30    | 5        | 1         | 0          | 0          | 0          | 2          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 120**    | 34    | 1        | 1         | 0          | 0          | 0          | 2          |
| 121*     | 5     | 6        | 4         | 7          | 5          | 1          | 10         |
| 122*     | 7     | 5        | 11        | 6          | 4          | 1          | 4          |
| 123*     | 6     | 3        | 4         | 7          | 5          | 2          | 11         |
| 124      | 7     | 11       | 7         | 2          | 4          | 1          | 6          |
| 125      | 11    | 6        | 8         | 4          | 4          | 0          | 5          |
| 126      | 27    | 4        | 1         | 2          | 1          | 0          | 3          |
| 127*     | 6     | 4        | 4         | 7          | 5          | 2          | 10         |
| 128*     | 6     | 4        | 3         | 8          | 4          | 3          | 10         |
| 129      | 11    | 16       | 8         | 2          | 1          | 0          | 0          |
| 130      | 14    | 11       | 7         | 2          | 1          | 0          | 3          |
| 131      | 14    | 15       | 3         | 3          | 1          | 0          | 2          |
| 132      | 21    | 9        | 4         | 1          | 0          | 0          | 3          |
| 133      | 18    | 10       | 4         | 4          | 1          | 0          | 1          |
| 134      | 12    | 12       | 3         | 2          | 4          | 1          | 4          |
| 135      | 12    | 5        | 6         | 3          | 3          | 1          | 8          |
| 136      | 28    | 3        | 3         | 2          | 2          | 0          | 0          |
| 137*     | 9     | 16       | 3         | 0          | 1          | 1          | 8          |
| 138*     | 7     | 14       | 5         | 1          | 1          | 1          | 9          |
| 139      | 14    | 16       | 3         | 1          | 0          | 0          | 4          |
| 140*     | 12    | 6        | 2         | 1          | 2          | 1          | 14         |

\*Job duty done by more than 50%  
 \*\*Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 141      | 16    | 8        | 5         | 1          | 3          | 0          | 5          |
| 142      | 19    | 15       | 3         | 0          | 1          | 0          | 0          |
| 143      | 33    | 3        | 0         | 1          | 0          | 0          | 1          |
| 144      | 33    | 2        | 0         | 0          | 1          | 0          | 2          |
| 145**    | 37    | 1        | 0         | 0          | 0          | 0          | 0          |
| 146      | 31    | 2        | 0         | 1          | 1          | 0          | 3          |
| 147      | 32    | 3        | 2         | 0          | 0          | 1          | 0          |
| 148      | 33    | 3        | 2         | 0          | 0          | 0          | 0          |
| 149**    | 33    | 3        | 1         | 0          | 1          | 0          | 0          |
| 150**    | 35    | 1        | 1         | 0          | 1          | 0          | 0          |
| 151**    | 33    | 3        | 1         | 0          | 1          | 0          | 0          |
| 152**    | 36    | 2        | 0         | 0          | 0          | 0          | 0          |
| 153      | 33    | 3        | 1         | 0          | 0          | 1          | 0          |
| 154      | 32    | 3        | 1         | 0          | 1          | 1          | 0          |
| 155      | 34    | 3        | 1         | 0          | 0          | 0          | 0          |
| 156      | 17    | 11       | 4         | 0          | 0          | 0          | 6          |
| 157      | 15    | 10       | 3         | 2          | 1          | 0          | 7          |
| 158      | 15    | 8        | 3         | 2          | 1          | 0          | 9          |
| 159**    | 34    | 3        | 1         | 0          | 0          | 0          | 0          |
| 160      | 14    | 8        | 4         | 0          | 2          | 0          | 10         |
| 161      | 22    | 8        | 4         | 0          | 0          | 0          | 4          |
| 162      | 16    | 7        | 2         | 4          | 1          | 1          | 7          |

\*\* Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 163      | 15    | 4        | 1         | 4          | 2          | 2          | 10         |
| 164      | 24    | 8        | 0         | 1          | 1          | 0          | 4          |
| 165**    | 34    | 3        | 0         | 0          | 0          | 0          | 1          |
| 166**    | 34    | 2        | 1         | 0          | 0          | 0          | 1          |
| 167**    | 35    | 2        | 0         | 0          | 0          | 0          | 1          |
| 168*     | 2     | 9        | 7         | 4          | 4          | 1          | 11         |
| 169*     | 4     | 4        | 4         | 1          | 2          | 1          | 22         |
| 170      | 20    | 13       | 1         | 2          | 0          | 0          | 2          |
| 171      | 15    | 12       | 4         | 0          | 2          | 1          | 4          |
| 172      | 16    | 15       | 4         | 1          | 0          | 1          | 1          |
| 173      | 28    | 1        | 2         | 2          | 0          | 0          | 5          |
| 174      | 18    | 14       | 2         | 0          | 1          | 2          | 1          |
| 175      | 24    | 7        | 2         | 0          | 0          | 0          | 5          |
| 176**    | 36    | 0        | 0         | 0          | 0          | 0          | 2          |
| 177**    | 35    | 1        | 0         | 1          | 1          | 0          | 0          |
| 178**    | 34    | 1        | 1         | 0          | 1          | 0          | 1          |
| 179**    | 28    | 5        | 2         | 1          | 0          | 1          | 1          |
| 180      | 25    | 6        | 0         | 3          | 1          | 0          | 3          |
| 181      | 18    | 8        | 8         | 0          | 1          | 0          | 3          |
| 182      | 30    | 6        | 1         | 0          | 0          | 0          | 1          |
| 183**    | 32    | 3        | 2         | 1          | 0          | 0          | 0          |
| 184**    | 37    | 0        | 0         | 1          | 0          | 0          | 0          |

\*Job duty done by more than 50%  
 \*\*Job duty not done by 90%

Table D-1 - continued

| Item<br>No. | Never | 1-5<br>Days | 6-10<br>Days | 11-15<br>Days | 16-20<br>Days | 21-25<br>Days | 26-30<br>Days |
|-------------|-------|-------------|--------------|---------------|---------------|---------------|---------------|
| 185         | 27    | 7           | 2            | 0             | 1             | 1             | 0             |
| 186**       | 37    | 0           | 0            | 1             | 0             | 0             | 0             |
| 187         | 27    | 6           | 2            | 1             | 1             | 1             | 0             |
| 188**       | 35    | 3           | 0            | 0             | 0             | 0             | 0             |
| 189         | 35    | 3           | 0            | 0             | 0             | 0             | 0             |
| 190**       | 33    | 4           | 0            | 0             | 1             | 0             | 0             |
| 191**       | 32    | 5           | 0            | 0             | 0             | 0             | 1             |
| 192**       | 37    | 1           | 0            | 0             | 0             | 0             | 0             |
| 193**       | 37    | 0           | 1            | 0             | 0             | 0             | 0             |
| 194**       | 32    | 4           | 0            | 0             | 0             | 0             | 2             |
| 195         | 13    | 5           | 2            | 4             | 2             | 0             | 12            |
| 196**       | 36    | 1           | 1            | 0             | 0             | 0             | 0             |
| 197**       | 36    | 1           | 1            | 0             | 0             | 0             | 0             |
| 198         | 27    | 10          | 0            | 0             | 0             | 0             | 1             |
| 199         | 31    | 3           | 2            | 0             | 0             | 1             | 1             |
| 200         | 16    | 9           | 3            | 2             | 1             | 2             | 5             |
| 201         | 29    | 6           | 3            | 0             | 0             | 0             | 0             |
| 202**       | 38    | 0           | 0            | 0             | 0             | 0             | 0             |
| 203**       | 36    | 1           | 1            | 0             | 0             | 0             | 0             |
| 204         | 29    | 8           | 1            | 0             | 0             | 0             | 0             |
| 205         | 31    | 4           | 1            | 0             | 1             | 0             | 1             |

\*\* Job duty not done by 90%

Table D-1 - continued

| Item No. | Never | 1-5 Days | 6-10 Days | 11-15 Days | 16-20 Days | 21-25 Days | 26-30 Days |
|----------|-------|----------|-----------|------------|------------|------------|------------|
| 206**    | 34    | 4        | 0         | 0          | 0          | 0          | 0          |
| 207**    | 36    | 2        | 0         | 0          | 0          | 0          | 0          |
| 208**    | 35    | 1        | 1         | 1          | 0          | 0          | 0          |
| 209      | 25    | 8        | 2         | 2          | 1          | 0          | 0          |
| 210      | 32    | 3        | 2         | 0          | 1          | 0          | 0          |
| 211**    | 31    | 3        | 4         | 0          | 0          | 0          | 0          |
| 212**    | 38    | 0        | 0         | 0          | 0          | 0          | 0          |
| 213**    | 38    | 0        | 0         | 0          | 0          | 0          | 0          |
| 214**    | 36    | 1        | 1         | 0          | 0          | 0          | 0          |
| 215**    | 32    | 2        | 4         | 0          | 0          | 0          | 0          |
| 216      | 31    | 6        | 0         | 1          | 0          | 0          | 0          |
| 217      | 27    | 6        | 2         | 0          | 1          | 0          | 2          |
| 218      | 23    | 9        | 4         | 0          | 1          | 0          | 1          |
| 219**    | 29    | 4        | 4         | 0          | 1          | 0          | 0          |
| 220*     | 9     | 7        | 9         | 4          | 3          | 0          | 6          |
| 221**    | 28    | 6        | 3         | 0          | 0          | 0          | 1          |
| 222**    | 38    | 0        | 0         | 0          | 0          | 0          | 0          |
| 223**    | 35    | 2        | 1         | 0          | 0          | 0          | 0          |
| 224**    | 36    | 2        | 0         | 0          | 0          | 0          | 0          |
| 225**    | 37    | 1        | 0         | 0          | 0          | 0          | 0          |
| 226**    | 34    | 4        | 0         | 0          | 0          | 0          | 0          |

\* Job duty done by more than 50%

\*\* Job duty not done by 90%

Table D-1 - continued

| Item<br>No. | Never | 1-5<br>Days | 6-10<br>Days | 11-15<br>Days | 16-20<br>Days | 21-25<br>Days | 26-30<br>Days |
|-------------|-------|-------------|--------------|---------------|---------------|---------------|---------------|
| 227**       | 37    | 0           | 1            | 0             | 0             | 0             | 0             |
| 228**       | 34    | 4           | 0            | 0             | 0             | 0             | 0             |
| 229**       | 34    | 3           | 1            | 0             | 0             | 0             | 0             |

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\*\* Job duty not done by 90%



# APPENDIX E

Table E-1

Summary of Additional Job Duties Reported  
Done by Men in Overseas Areas

| Job Duty Reported          | No. of<br>Men Did | Theater of<br>Operation | No. of Days<br>Each Man Did |
|----------------------------|-------------------|-------------------------|-----------------------------|
| Operated AN/VRC 46         | 3                 | Vietnam                 | 30                          |
|                            | 1                 | "                       | 28                          |
|                            | 2                 | "                       | 25                          |
|                            | 1                 | "                       | 20                          |
|                            | 1                 | "                       | 15                          |
|                            | 2                 | "                       | 10                          |
|                            | 1                 | "                       | 5                           |
|                            | 1                 | "                       | 3                           |
|                            | 1                 | Europe                  | 3                           |
| Operated AN/VRC 47         | 1                 | Vietnam                 | 30                          |
|                            | 1                 | "                       | 25                          |
|                            | 1                 | "                       | 20                          |
|                            | 2                 | "                       | 10                          |
| Operated AN/VRC 442        | 1                 | Vietnam                 | 25                          |
| Operated AN/GRC 106        | 2                 | Vietnam                 | 30                          |
|                            | 1                 | "                       | 10                          |
| Operated AN/PRC 25         | 1                 | Vietnam                 | 10                          |
| Installed VRC 524          | 1                 | Vietnam                 | 10                          |
| Operated AN/VRC 49         | 1                 | Vietnam                 | 30                          |
|                            | 1                 | "                       | 20                          |
|                            | 1                 | "                       | 15                          |
| Operated AN/GRR 5          | 1                 | Europe                  | 4                           |
| Operated AN/PRC 77         | 1                 | Vietnam                 | 3                           |
| Operated AN/VRC 1          | 1                 | Vietnam                 | 3                           |
| Operated AN/PRC 6          | 1                 | Korea                   | 5                           |
| Installed 292 antenna      | 1                 | Vietnam                 | 2                           |
| Installed WD-1 underground | 1                 | Vietnam                 | 10                          |
| Operated AN/PDR 276        | 1                 | Europe                  | 6                           |

Table E-1 - continued

| Job Duty Reported                         | No. of Men Did | Theater of Operation | No. of Days Each Man Did |
|---|----------------|----------------------|--------------------------|
| Operated IM-174/PD and IM-147-93          | 2              | Europe               | 6                        |
| Operated AN/GCC-3 teletype                | 1              | Europe               | 2                        |
| Operated KW-7 and KL-7                    | 1              | Korea                | 30                       |
| Operated SB/289                           | 1              | Korea                | 20                       |
| Installed 26-pair cable underground       | 1              | Vietnam              | 10                       |
| Troubleshoot 26-pair cable                | 1              | Vietnam              | 30                       |
| Installed and maintained electrical lines | 1              | Vietnam              | 30                       |
|   | 1              | "                    | 12                       |
|   | 1              | "                    | 1                        |
| Guard duty                                | 1              | Vietnam              | 30                       |
|   | 1              | "                    | 2                        |
| Map reading and land navigation           | 1              | Vietnam              | 30                       |
|   | 1              | "                    | 5                        |
| Artillery                                 | 2              | Vietnam              | 30                       |
|   | 1              | "                    | 6                        |
| Infantry                                  | 1              | Vietnam              | 30                       |
|   | 1              | "                    | 5                        |
| Military Police                           | 1              | Vietnam              | 30                       |
| Planned and built Communications Center   | 1              | Vietnam              | 2                        |
| Served in Message Center                  | 2              | Vietnam              | 30                       |
| Repaired radios                           | 1              | Vietnam              | 30                       |
|   | 1              | Korea                | 30                       |
|   | 1              | "                    | 5                        |
| Installed radios                          | 1              | Korea                | 30                       |
|   | 1              | Vietnam              | 3                        |
| Installed civilian telephones             | 1              | Vietnam              | 15                       |
|   | 1              | "                    | 2                        |
| Repaired generators                       | 1              | Vietnam              | 2                        |
| Drove vehicles up to 2-1/2 ton            | 1              | Europe               | 20                       |